

## **ELECTROLYTIC CAPACITOR AND MULTI-ANODIC ATTACHMENT**

### **Abstract of the Disclosure**

5 A multi-anodic aluminum electrolytic capacitor includes an electrical  
connection to the multiple porous (e.g., tunnel-etched) anodes in an anode stack  
using a single anode tab that is attached only to a first anode. Other anodes are  
electrically coupled to the anode tab through the first anode. Anodes in the anode  
stack are in intimate physical and electrical contact with other such anodes as a  
result of layering effected by planar stacking or cylindrical winding. The need for  
10 separate tabs to different anode layers is eliminated or at least minimized, thereby  
reducing capacitor volume, increasing capacitor reliability, and reducing the cost  
and complexity of the capacitor manufacturing process for multi-anodic capacitors.  
The capacitor is capable of use in implantable defibrillators, camera photoflashes,  
and other electric circuit applications.

"Express Mail" mailing label number: EV332571237US

Date of Deposit: July 10, 2003

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22313-1450.